

**Advanced Scholar Search** [Advanced Search Tips](#) | [About Google Scholar](#)

Find articles with all of the words

with the **exact phrase**with **at least one** of the words

without the words

where my words occur

led filter color brightness

10 results

Search Scholar

matrix array plurality

anywhere in the article

Author

Return articles written by

schmitt

e.g., "PJ Hayes" or McCarthy

Publication

Return articles published in

e.g., J Biol Chem or Nature

Date

Return articles published between

and

e.g., 1996

**Subject
Areas**☐ Return articles in all subject areas.☒ Return only articles in the following subject areas:☐ Biology, Life Sciences, and Environmental Science☐ Business, Administration, Finance, and Economics☒ Chemistry and Materials Science☒ Engineering, Computer Science, and Mathematics☐ Medicine, Pharmacology, and Veterinary Science☒ Physics, Astronomy, and Planetary Science☐ Social Sciences, Arts, and Humanities

©2005 Google



Find articles with all of the words

with the exact phrase

with at least one of the words

without the words

where my words occur

led color brightness

10 results

Search Scholar

filter matrix

anywhere in the article

Author

Return articles written by

e.g., "PJ Hayes" or McCarthy

Publication

Return articles published in

e.g., J Biol Chem or Nature

Date

Return articles published between

and

e.g., 1996

**Subject
Areas**☒ Return articles in all subject areas.☐ Return only articles in the following subject areas:

- ☐ Biology, Life Sciences, and Environmental Science
- ☐ Business, Administration, Finance, and Economics
- ☐ Chemistry and Materials Science
- ☐ Engineering, Computer Science, and Mathematics
- ☐ Medicine, Pharmacology, and Veterinary Science
- ☐ Physics, Astronomy, and Planetary Science
- ☐ Social Sciences, Arts, and Humanities

©2005 Google

**Find articles with all of the words**

led filter color brightness

10 results

Search Scholarwith the **exact phrase**

advanced optoelectronic soluti

with **at least one** of the words

without the words

where my words occur

anywhere in the article

Author

Return articles written by

e.g., "PJ Hayes" or McCarthy

Publication

Return articles published in

e.g., J Biol Chem or Nature

Date

Return articles published between

and

e.g., 1996

**Subject
Areas**☒ Return articles in all subject areas.☐ Return only articles in the following subject areas:

- ☐ Biology, Life Sciences, and Environmental Science
- ☐ Business, Administration, Finance, and Economics
- ☐ Chemistry and Materials Science
- ☐ Engineering, Computer Science, and Mathematics
- ☐ Medicine, Pharmacology, and Veterinary Science
- ☐ Physics, Astronomy, and Planetary Science
- ☐ Social Sciences, Arts, and Humanities

©2005 Google

**Find articles with all of the words**

filter color intensity

10 results

Search Scholarwith the **exact phrase**

advanced optoelectronic soluti

with **at least one** of the words

without the words

where my words occur

anywhere in the article

Author

Return articles written by

e.g., "PJ Hayes" or McCarthy

Publication

Return articles published in

e.g., J Biol Chem or Nature

Date

Return articles published between

and

e.g., 1996

**Subject
Areas**☒ Return articles in all subject areas.☐ Return only articles in the following subject areas:

- ☐ Biology, Life Sciences, and Environmental Science
- ☐ Business, Administration, Finance, and Economics
- ☐ Chemistry and Materials Science
- ☐ Engineering, Computer Science, and Mathematics
- ☐ Medicine, Pharmacology, and Veterinary Science
- ☐ Physics, Astronomy, and Planetary Science
- ☐ Social Sciences, Arts, and Humanities

©2005 Google

Dialog DataStar[options](#)[logout](#)[feedback](#)[help](#)[databases](#)[easy search](#)

INSPEC K.G.

Advanced Search:

INSPEC - 1969 to date (INZZ)

[link](#)

Search history:

No.	Database	Search term	Info added since	Results	
1	INZZ	schmitt-k\$	unrestricted	134	show titles
2	INZZ	1 AND led	unrestricted	1	show titles
3	INZZ	1 AND diode	unrestricted	0	-
4	INZZ	1 AND filter	unrestricted	4	show titles
5	INZZ	(color OR wavelength) NEAR (led OR light ADJ emitting ADJ diode)	unrestricted	646	show titles
6	INZZ	5 AND (brightness OR intensity OR lumino\$)	unrestricted	135	show titles
7	INZZ	6 AND filter\$	unrestricted	6	show titles
8	INZZ	5 AND filter NEAR (array OR matrix OR plurality)	unrestricted	1	show titles

[hide](#) | [delete all search steps...](#) | [delete individual search steps...](#)Enter your search term(s): [Search tips](#) ☐ Thesaurus mapping [whole document](#)Information added since: or: [none](#)
(YYYYMMDD)[search](#)

Select special search terms from the following list(s):

- ☒ Publication year
- ☒ Classification codes A: Physics, 0-1
- ☒ Classification codes A: Physics, 2-3
- ☒ Classification codes A: Physics, 4-5
- ☒ Classification codes A: Physics, 6
- ☒ Classification codes A: Physics, 7
- ☒ Classification codes A: Physics, 8
- ☒ Classification codes A: Physics, 9
- ☒ Classification codes B: Electrical & Electronics, 0-5
- ☒ Classification codes B: Electrical & Electronics, 6-9

EAST K.G.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11104	taos texas near advaced near optoelectronic near solutions	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 13:09
L2	11145	taos texas near advanced near optoelectronic near solutions	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 13:10
L3	123	2 and filter near2 (array matrix plurality)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 13:10
L4	314	taos texas near advanced near optoelectronic near solutions	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/11 13:11
L5	2	4 and filter near2 (array matrix plurality)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 13:10
L6	314	taos advanced near optoelectronic near solutions	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/11 13:11
L7	3506	((356/73,237.1,237.4) or (250/226)).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/11 13:15
L8	6542	led with (color wavelength) and led with (intensity lumino\$ brightness)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 14:43
L9	70	7 and 8	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 13:16
L10	18356	(monitor\$ calibrat\$ detect\$) near3 (led light near2 diode)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 14:44
L11	107	7 and 10	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 14:45
L15	4	US-4547074-\$.DID. OR US-3996461-\$.DID.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 15:00
L16	8	US-U6840646-\$.DID. OR US-U6727487-\$.DID. OR US-6211521-\$.DID. OR US-U6657663-\$.DID. OR US-5773814-\$.DID. OR US-6847397-\$.DID. OR US-6160593-\$.DID. OR US-U6781626-\$.DID. OR "US-6448550-\$.DID"	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 15:01
L17	1	("6490037").URPN.	USPAT	OR	ON	2005/10/11 15:03

L18	3	("4681454" "5568267" "6127783").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/11 15:03
S1	3	kevin near schmitt	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/10 11:46
S2	0	kevin near schmitt	EPO; JPO	OR	ON	2005/10/10 11:55
S3	39	(monitor\$ detect\$ calibrat\$ determin\$ measur\$) near3 (color wavelength) near3 led	EPO; JPO	OR	ON	2005/10/10 11:56
S4	21858	(monitor\$ detect\$ calibrat\$ determin\$ measur\$) near3 (color wavelength)	EPO; JPO	OR	ON	2005/10/10 12:17
S5	19298	(monitor\$ detect\$ calibrat\$ determin\$ measur\$) near3 (brightness lumino\$6 intensity)	EPO; JPO	OR	ON	2005/10/10 12:16
S6	8160	fiber near2 (array matrix plurality)	EPO; JPO	OR	ON	2005/10/10 11:57
S7	6	S4 and S5 and S6	EPO; JPO	OR	ON	2005/10/10 11:57
S8	3926	filter near2 (array matrix plurality)	EPO; JPO	OR	ON	2005/10/10 12:16
S9	4	S4 and S5 and S8	EPO; JPO	OR	ON	2005/10/10 11:57
S10	40507	filter near2 (array matrix plurality)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/10 12:16
S12	139749	(monitor\$ detect\$ calibrat\$ determin\$ measur\$) near3 (brightness lumino\$6 intensity)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/10 12:20
S13	163907	(monitor\$ detect\$ calibrat\$ determin\$ measur\$) near3 (color wavelength)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/10 12:20
S14	2028	S10 and S12 and S13	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/10 12:18
S15	442	S14 and ground\$4	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/10 12:18
S16	25831	(monitor\$ detect\$ calibrat\$ determin\$ measur\$) near3 (led light near2 diode)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/10 12:20
S17	2849	S16 same (brightness lumino\$6 intensity)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/10 12:20
S18	696	S17 same (color wavelength)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/10 12:21
S19	220	S18 and ground\$4	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/10 12:59

S30	289	wilkers	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/10/10 13:12
S32	25845	(monitor\$ detect\$ calibrat\$ determin\$ measur\$) near3 (led light near2 diode)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 10:37
S33	2853	S32 same (brightness lumino\$6 intensity)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 10:52
S34	698	S33 same (color wavelength)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 10:52
S35	3926	filter near2 (array matrix plurality)	EPO; JPO	OR	ON	2005/10/11 10:39
S36	40532	filter near2 (array matrix plurality)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 11:37
S37	0	S34 and S36	EPO; JPO	OR	ON	2005/10/11 10:39
S38	21	S34 and S36	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 10:51
S39	424	(356/419).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/11 10:51
S40	169	S36 and S39	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 10:51
S41	141	S40 and (brightness lumino\$6 intensity)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 11:37
S42	137	S41 and (color wavelength)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 11:37
S43	90	S42 not loudermilk	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 11:35
S44	3506	((356/73,237.1,237.4) or (250/226)).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/11 11:36
S45	315	S44 and filter near2 (array matrix plurality)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 11:37
S46	222	S45 and (brightness lumino\$6 intensity)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 11:37
S47	214	S46 and (color wavelength)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 11:39

S48	137	S45 and (measur\$ detect\$ determin\$ calculat\$ monitor\$) near3 (brightness lumino\$6 intensity)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 11:37
S49	117	S48 and (measur\$ detect\$ determin\$ calculat\$ monitor\$) near3 (color wavelength)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 13:08

INTERFERENCE K.G.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	81	((color wavelength) and (intensity lumino\$ brightness) and (determin\$ monitor\$ calibrat\$ detect\$) near4 LED).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/11 16:52
L5	40	((color wavelength) and (intensity lumino\$ brightness) and (determin\$ monitor\$ calibrat\$ detect\$) near4 LED).clm.	US-PGPUB	OR	ON	2005/10/11 16:53
L6	8	((color wavelength) same (intensity lumino\$ brightness) same (determin\$ monitor\$ calibrat\$ detect\$) near4 LED).clm.	US-PGPUB	OR	ON	2005/10/11 16:54
L7	1	5 and (filter near3 (matrix array plurality)).clm.	US-PGPUB	OR	ON	2005/10/11 16:54